




GRIET/6C/G/20-21

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad in association with IIT Indore				
Department	Mechanical Engineering	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Conference				
Title / Theme of the Event	11th International Conference on Materials Processing and Characterization				
Details of the Coordinator & Designation	Dr. Swadesh Kumar Singh, Professor, Department of Mechanical Engineering, Hyderabad.				
Event Dates/Days	From	To	No. of Days		
	15/12/2020	17/12/2020	03		
Details of the Speaker / Guest Organization Address:	Details of the speaker has been attached separately				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	08	15	15	512	550
Faculty Names & Designation	List of the participants has been attached separately				

<p>Summary of the Event</p>	<p>An online International Conference on 11th International Conference on Materials Processing and Characterization (ICMPC) has been conducted in association with GRIET and IIT Indore from 15th to 17th Dec, 2020, by using zoom application. This programme has been conducted for three (3) days in which a total of Six (6) keynotes and Forty (40) parallel sessions has been conducted.</p>
<p>IRG (in rupees)</p> <p>Deposited A/C no A/C name and date and other details</p> <p>(enclose proof-A/C statement)</p>	<p>All the accounts have been maintained by IIT Indore</p>
<p>Expenditure (in rupees)</p> <p>(Enclose proof-bills)</p>	<p>All the accounts have been maintained by IIT Indore</p>
<p>POs attained with this Event</p> <p>(number and description)</p>	<p>Seven (7) POs has been attained with this event</p> <ol style="list-style-type: none"> 1. Ability to analyze problem and interpret the data. 2. Ability to design a system component, or process to meet desired needs in Mechanical Engineering within realistic constraints. 3. Ability to identify, formulate, analyze and interpret data to solve Mechanical Engineering problems. 4. Ability to understand the impact of engineering solutions in a global, economic and societal context. 5. Ability to understand the effect of Mechanical Engineering solutions on environment and to demonstrate the need for sustainable development. 6. Ability to understand professional and ethical responsibility. 7. Ability to demonstrate the management principles in Mechanical Engineering projects.
<p>Photographs of the event</p> <p>(Hard copy and Soft copy)</p>	

Proofs:
1.Certificates copies
2.Profile of Speaker
3.PPT/Material as applicable. etc.,

All the documents are attached separately.

SignatureofCoordinator



Signature of HOD

Date: 17 Dec 2020

Time: 11:30a.m-01:00p.m

Session No.	Zoom ID	Session chair	Topic	S. No form the Final Paper List
33	https://us02web.zoom.us/j/85002150198?pwd=a2pibXpZdlVlDUmwyYzVyVEFVLT0tbnQ0OT09 ID: 850 0215 0198 Pwd: 1234 (EPK)	Chair 1: Dr. Kalidasan, LPU Chair 2: Dr. Jignesh Kumar Jain, MNIT Jaipur	Material Characterization	445, 444
34	https://us02web.zoom.us/j/4604151298 ID: 460 415 1298 Pwd: 1234 (KK)	Chair 1: Dr. Brajesh Kumar Panigrahi, BITS-Pilani, Hyderabad campus Chair 2: Dr. J. Dixit, GLA University	Finite Element Analysis	389, 398, 407, 412, 443,
35	https://us02web.zoom.us/j/86952893623?pwd=VlExenY0WjVlSDdvYzV5bVEwZGZlZz09 ID: 869 5289 3623 Pwd: 1234 (RS)	Chair 1: Prof. E. T. Akinlabi, South Africa Chair 2: Dr. Ram Subbaih, GRIET	Advanced Machining Processes and Composites	193, 451, 455, 456, 457, 458, 437, 439, 441
36	https://us04web.zoom.us/j/9415620476?pwd=Z0l2cUY4U2NVd3UyYzV5bGRNYjNlbnZlZz09 ID: 941 562 0476 Pwd: 1234 (SKS)	Chair 1: Dr. Manoj Kumar Agrawal, GLA University, Mathura Chair 2: Dr. Ravindra S Rana, NIT Bhopal	Nano Material	413, 419, 452, 453,
37	https://us02web.zoom.us/j/6147999974 ID: 614 799 9974 Pwd: 1234 (BT)	Chair 1: Dr. Vijay Dwivedi, GLA University, Mathura Chair 2: Dr. Sujit Kumar Verma, GLA University, Mathura	Composites	424, 426, 434, 436.

38	https://us02web.zoom.us/j/87947770112?pwd=TLUuK3hxUGYzYUJFQWtVe m9Kdkw3QT09 ID: 879 4777 0112 Pwd: 1234 (AP)	Chair 1: Dr. Nakul Gupta, GLA University Mathura Chair 2: Dr. Naveen Gupta, GLA University Mathura	Composites	446, 447, 449, 450, 454, 5.
39	https://us02web.zoom.us/j/8683315294?pwd=dIRPUnUIM24rVU9LcDZmditKa202QT09 ID: 868 331 5294 Pwd: 1234 (NK)	Chair 1: Dr. Tameshwar Nath, IIT Bhagalpur Chair 2: Sanjeev Kumar, PEC Chandigarh	AMPT Session	1, 2, 3, 4, 5, 6, 7, 8, 9.
40	https://us02web.zoom.us/j/84317119951 ID: 843 1711 9951 Pwd: 1234 (KS)	Chair 1: Prof. Ravi Kumar Dwivedi, NIT Bhopal Chair 2: Dr. Satyanarayan, GRIET	AMPT Session	10, 11, 12, 13, 14, 15, 16, 17, 18.

Date: 17 Dec 2020

Time:09:00a.m–11:30a.m

Session No.	Zoom ID	Session chair	Topic	S. No form the Final Paper List
25	https://us02web.zoom.us/j/85002150198?pwd=a2pibXpzdlVlDUmwyYzVvVEFVLT0lnQT09 ID: 850 0215 0198 Pwd: 1234 (EPK)	Chair 1: Dr. N Sateesh, GRIET Chair 2: Dr. Kalidasan, LPU	Material Characterization	150, 349, 350, 359, 363, 383, 416, 417, 418, 420, 422, 423, 429, 430, 440.
26	https://us02web.zoom.us/j/4604151298 ID: 460 415 1298 Pwd: 1234 (KK)	Chair 1: Dr. Ram Subbaih, GRIET Chair 2: Dr. Manoj Kumar Gupta, IPR Gandhi Nagar	Finite Element Analysis	305, 309, 310, 328, 336, 337, 339, 344, 354, 367, 375, 377, 384, 392, 397.
27	https://us02web.zoom.us/j/86952893623?pwd=VlExenY0WjVLSDDvalF5bVExZlFgyZz09 ID: 869 5289 3623 Pwd: 1234 (RS)	Chair 1: Dr. O. S. Fatoba, University of Johannesburg, South Africa Chair 2: Prof. Rupinder, NITTTR Chandigarh	Advanced Machining Processes	312, 318, 324, 326, 335, 352, 353, 361, 362, 370, 372, 373, 387, 388.
28	https://us04web.zoom.us/j/9415620476?pwd=Z0l2cUY4U2NlVd3UybGRNY1NVbFZlQT09 ID: 941 562 0476 Pwd: 1234 (SKS)	Chair 1: Dr. Shiv Sharma, IILM Chair 2: Dr. Atul Sharma, VIT Vellor	Nano Material	317, 322, 323, 330, 340, 343, 345, 357, 368, 378, 400, 401, 403, 405, 408.
29	https://us02web.zoom.us/j/6147999974 ID: 614 799 9974 Pwd: 1234 (BT)	Chair 1: Prof. K. Loe Dev Wins, Karunya Institute of Science and Technology, Coimbatore Chair 2: Dr. Tanya B, GRIET	Composites	303, 313, 314, 331, 334, 338, 351, 355, 356, 358, 360, 364, 365, 366, 369.

30	https://us02web.zoom.us/j/8794770112?pwd=TUUuK3hxUGYzYUJFOWVem9Kdkw3QT09 ID: 879 4777 0112 Pwd: 1234 (AP)	Chair 1: Dr. Basil Kuriachen, NIT Calicut Chair 2: Dr. Ambuj Saxena, GLBITM, Greater Noida	Composites	371, 374, 376, 379, 380, 381, 382, 385, 386, 390, 393, 402, 404, 409, 410
31	https://us02web.zoom.us/j/8683315294?pwd=dIRPUnUIM24rVU9LcDZmditKa202QT09 ID: 868 331 5294 Pwd: 1234 (NK)	Chair 1: Dr. V. Agrawal, GLA University Chair 2: Dr. Sandan Kumar Sharma, PEC, Chandigarh	Nano Material	415, 432, 433, 438, 448
32	https://us02web.zoom.us/j/84317119951 ID: 843 1711 9951 Pwd: 1234 (KS)	Chair 1: Dr. Sujith R, BITS-Pilani, Hyderabad campus Chair 2: Dr. Devendra Yadav, NIT calicut	Advanced Machining Processes	394, 395, 396, 399, 406, 411, 414, 421, 425, 427, 428, 431, 435, 442,

Date: 16 Dec 2020

Time: 06:00p.m–08:00p.m

Session No.	Zoom ID & Password	Session chair	Topic	S. No form the Final Paper List
17	https://us02web.zoom.us/j/85002150198?pwd=a2pibXpZdlVlDUmwyYzVyVEFVL0tnQT09 ID: 850 0215 0198 Pwd: 1234 (EPK)	Chair 1: Dr. Jinesh Kumar Jain, MNIT Jaipur Chair 2: Dr. S.K. Panda, IIT KGP	Material Characterization	221, 229, 230, 236, 240, 244, 245, 247, 248, 252, 255, 261.
18	https://us02web.zoom.us/j/4604151298 ID: 460 415 1298 Pwd: 1234 (KK)	Chair 1: Dr. Akhil, IIT Patna Chair 2: Sankalp Goel, Nanjing University	Finite Element Analysis	197, 213, 218, 226, 231, 250, 254, 266, 286, 297, 299, 301.
19	https://us02web.zoom.us/j/86952893623?pwd=VlExenY0WjVLSDDvalF5bVExZFgyZz09 ID: 869 5289 3623 Pwd: 1234 (RS)	Chair 1: Dr. I. V. Singh, IITR Chair 2: Ankita Awasthi, IILM Greater Noida	Advanced Machining Processes	223, 225, 228, 232, 238, 241, 258, 259, 263, 269, 270, 287, 300.
20	https://us04web.zoom.us/j/9415620476?pwd=Z0l2cUY4U2NVd3UybGRNY1NVbFZlOT09 ID: 941 562 0476 Pwd: 1234 (SKS)	Chair 1: K.M. Agrawal, Amity University, UP, Noida Chair 2: Dr. Vanya, IILM	Nano Material	237, 239, 251, 253, 256, 264, 267, 276, 280, 285, 293, 306.
21	https://us02web.zoom.us/j/6147999974 ID: 614 799 9974 Pwd: 1234 (BT)	Chair 1: Prof. Asma Perveen, Nazarbayer University Chair 2: Dr. Kalidasan, LPU	Composites	246, 249, 257, 260, 262, 272, 273, 275, 282, 284, 294, 298.

22	https://us02web.zoom.us/j/87947770112?pwd=TUtuK3hxUGYzYUJFQWVem9Kdkw3QT09 ID: 879 4777 0112 Pwd: 1234 (AP)	Chair 1: Dr. O. S. Fatoba, University of Johannesburg, South Africa Chair 2: Dr. Tameshwar Nath, IIT Bhgalpur	Material Characterization	265, 268, 271, 274, 277, 278, 279, 281, 283, 288, 289, 290.
23	https://us02web.zoom.us/j/8683315294?pwd=djRPUnUjM24rVU9LeDZmditKa202QT09 ID: 868 331 5294 Pwd: 1234 (NK)	Chair 1: Dr. Tunji John Erinle, The Federal Polytechnic, West Africa Chair 2: Dr. J.N. Sahu, BHEL Bhopal	Material Characterization	291, 292, 295, 296, 302, 304, 307, 308, 311, 315, 316, 319.
24	https://us02web.zoom.us/j/84317119951 ID: 843 1711 9951 Pwd: 1234 (KS)	Chair 1: Dr. Devendra, NIT Calicut Chair 2: Dr. Sanjeev Kumar, PEC Chandigarh	Material Characterization	320, 321, 325, 327, 329, 332, 333, 341, 342, 346, 347, 348.

Date: 16 Dec 2020

Time: 3:45p.m– 06:00p.m

Session No.	Zoom ID	Session chair	Topic	S. No form the Final Paper List
9	https://us02web.zoom.us/j/85002150198?pwd=a2pibXpZdlVDUmwyYzVyVEFVL0tnQT09 ID: 850 0215 0198 Pwd: 1234 (EPK)	Chair 1: Amrita Priyadarshani, BITS-Pilani, Hyderabad campus Chair 2: Dr. Saadat Ali, JMI Delhi	Material Characterization	80, 81, 82, 87, 88, 90, 93, 96, 100, 101, 103, 105, 108.
10	https://us02web.zoom.us/j/4604151298 ID: 460 415 1298 Pwd: 1234 (KK)	Chair 1: Dr. Shankar Singh, SLIET, Longowal Chair 2: Dr. Prasanta Kumar Sahoo, PU, Siksha "O" Anushandhan University	Finite Element Analysis	125, 127, 136, 140, 141, 143, 146, 152, 168, 170, 189, 192.
11	https://us02web.zoom.us/j/86952893623?pwd=VlExenY0WjVLSDDvalF5bVEExZFgYz09 ID: 869 5289 3623 Pwd: 1234 (RS)	Chair 1: Dr. Navneet khanna, IITRAM, Ahmedabad Chair 2: Dr. Pawan Kumar P, BITS-Pilani, Hyderabad campus	Advanced Machining Processes	145, 149, 157, 159, 161, 172, 174, 186, 196, 203, 206, 215, 222.
12	https://us04web.zoom.us/j/9415620476?pwd=Z0l2cUY4U2NVd3UybGRNYlNVbFZlQT09 ID: 941 562 0476 Pwd: 1234 (SKS)	Chair 1: Dr. Kurra Suresh, BITS-Pilani, Hyderabad campus Chair 2: Dr. Amlana Panda, KIIT	Nano Material	154, 158, 163, 166, 171, 173, 175, 176, 181, 191, 207, 214, 217, 227.
13	https://us02web.zoom.us/j/6147999974 ID: 614 799 9974 Pwd: 1234 (BT)	Chair 1: Dr. J.P. Murugesan, IIT Indore Chair 2: Prof. D.S. Robinson, Karunya Institute of Science and Technology, Coimbatore	Composites	180, 195, 202, 205, 210, 211, 216, 224, 233, 234, 235, 242, 243.

14	https://us02web.zoom.us/j/87947770112?pwd=TWUuK3hxlUGYzYUJlQWVlVem9Kdkw3QT09 ID: 879 4777 0112 Pwd: 1234 (AP)	Chair 1: Dr. Dan Sathiyaraj, IIT Indore Chair 2: Dr. Keyur Joshi, VIT, Vellore	Material Characterization	110, 111, 112, 113, 115, 126, 134, 135, 137, 144, 155, 160, 391.
15	https://us02web.zoom.us/j/8683315294?pwd=djRPUmU1M24rVU9LcDZmditKa202QT09 ID: 868 331 5294 Pwd: 1234 (NK)	Chair 1: Dr. Sujith R, BITS-Pilani, Hyderabad campus Chair 2: Dr. Shankar Sahgal, PU Chandigarh	Material Characterization	162, 164, 165, 167, 169, 177, 178, 179, 182, 183, 184, 185, 187.
16	https://us02web.zoom.us/j/84317119951 ID: 843 1711 9951 Pwd: 1234 (KS)	Chair 1: Prof. S.S. Dhami, NITTTR Chandigarh Chair 2: Dr. Ajay Bharti, NIT Allahabad	Material Characterization	188, 190, 193, 194, 198, 199, 200, 201, 204, 208, 209, 212, 219, 220.

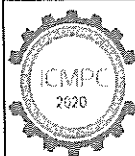
Session Schedule

Date: 15 Dec 2020

Time: 1:00p.m–03:30p.m

Session No.	Zoom ID	Session-chair	Topic	S. No form the Final Paper List
1	https://us02web.zoom.us/j/85002150198?pwd=a2pibXpZdlVDUmwyYzVyVEFVL0tnQT09 ID: 850 0215 0198 Pwd: 1234 (EPK)	Chair 1: Dr. T. K. Nandi, DMRL Chair 2: Dr. Sunil Kumar Rajpoot, BIET Jhansi	Material Characterization	4, 7, 8, 10, 13, 14, 17, 18, 24, 25, 26, 28, 31, 33, 37
2	https://us02web.zoom.us/j/4604151298 ID: 460 415 1298 Pwd: 1234 (KK)	Chair 1: Dr. A.K.Singh, DMRL Chair 2: Dr. Vijay Verma, BIET Jhansi	Finite Element Analysis	21, 30, 35, 52, 55, 59, 68, 83, 91, 99, 104, 106, 107, 117, 118
3	https://us02web.zoom.us/j/86952893623?pwd=VlFxenY0WjVLSdDvalF5bVExZFgyZz09 ID: 869 5289 3623 Pwd: 1234 (RS)	Chair 1: Dr. Amit Bhattacharjee, DMRL Chair 2: Prof. Rupinder Singh. NITTTR Chandigarh	Advanced Machining Processes	15, 22, 46, 50, 54, 63, 66, 70, 92, 94, 95, 98, 131, 133, 138
4	https://us04web.zoom.us/j/9415620476?pwd=Z0lZcUY4U2NVd3UybGRNY1NVbFZlQT09 ID: 941 562 0476 Pwd: 1234 (SKS)	Chair 1: Dr. Jaiveer Singh, IIT Jodhpur Chair 2: Prof. Piyush Singhal, GLA	Nano Material	1, 2, 19, 23, 27, 29, 34, 36, 39, 41, 47, 49, 56, 57, 65
5	https://us02web.zoom.us/j/6147999974 ID: 614 799 9974 Pwd: 1234 (BT)	Chair 1: Dr. Ramesh Kumar Buddu, IPR Gandhi Nagar Chair 2: Dr. Bharat Singh. GLA University	Composites	3, 6, 9, 11, 12, 16, 20, 32, 44, 45, 51, 62, 71, 72

6	https://us02web.zoom.us/j/87947770112?pwd=TUtuK3hxUjYzYUJFQWVem9Kdkw3QI09 ID: 879 4777 0112 Pwd: 1234 (AP)	Chair 1: Dr. Paritosh Chaudhari, IPR Gandhi Nagar Chair 2: Dr. Gurinder Singh Brar, NIT Uttarakhand	Material Characterization	38, 40, 42, 43, 48, 53, 58, 60, 61, 64, 67, 73, 74, 77, 78
7	https://us02web.zoom.us/j/8683315294?pwd=dIRPUnU1M24rVU9LcDZmdifKa202QT09 ID: 868 331 5294 Pwd: 1234 (NK)	Chair 1: Nitin Kotkunde, BITs Pilani, Hyderabad campus Chair 2: Dr. S. S. Godara, Rajasthan Technical University Kota	Nano Material	69, 75, 76, 79, 84, 86, 89, 97, 119, 121, 122, 130, 139, 148, 151
8	https://us02web.zoom.us/j/84317119951 ID: 843 1711 9951 Pwd: 1234 (KS)	Chair 1: Prof. B.S.Pabla, NITTTR Chandigarh Chair 2: Dr. Sahil Garg, LPU Jalandhar	Composites	85, 102, 109, 114, 116, 120, 123, 124, 128, 129, 132, 142, 147, 153, 156.



11TH INTERNATIONAL CONFERENCE ON
Materials Processing and Characterization

@ IIT INDORE

15th - 17th December, 2020

INDIAN INSTITUTE OF TECHNOLOGY
INDORE



Programme Schedule

Chief Guest: Prof. Dr. Avanish Kumar Srivastava, Director, AMPRI, Bhopal.

Guest of honor: Prof. Neelesh Kumar Jain, Director, IIT Indore.

Guest of honor: Prof Shyam Sundar Pattnaik, Director NITTTR Chandigarh.

Meeting link for Inauguration, Keynotes and Valedictory

<https://us04web.zoom.us/j/9415620476?pwd=Z0l2cUY4U2NVd3UybGRNY1NVbFZlOT09>

Meeting ID: 941 562 0476

Pwd: 1234

Meeting ID for Help Desk

Meeting ID: 377 905 2814

Pwd: 1234

Timings for Help Desk

15 Dec, 2020 8:00 a.m to 6:00 p.m

16 Dec, 2020 1:00 p.m to 8:00 p.m

17 Dec, 2020 9:00 a.m to 5:30 p.m

December 15, 2020

Day 1

Programme	Time
<i>Inaugural function</i>	09:00a.m - 10:00a.m
<i>KeyNote Address-1</i> Speaker: Prof. Manoj Gupta NUS, Singapore Topic: Emerging Research and Business Opportunities with Magnesium Based Materials/Technology in Engineering/Biomedical Sectors Host: Dr. Eswar, IIT Indore	10:30a.m – 11:15a.m
<i>KeyNote Address-2</i> Speaker: Prof. Chetan Nikhare Penn State Erie, The Behrend College, Pennsylvania, USA Topic: Biaxial test - A novel testing for sheet metal Host: Dr. Nitin, BITS Pilani, Hyderabad	11:15 a.m – 12:00 a.m
<i>Lunch Break</i>	12:00p.m – 01:00p.m
<i>SESSIONS</i>	01:00p.m – 3:30p.m
<i>KeyNote Address-3</i> Speaker: Prof. D. Ravi Kumar Professor, Department of Mechanical Engg, IIT, Delhi Topic: Investigations on deep drawing of an aluminium alloy using advanced material models Host: Dr. Rupender, NITTTR Chandigarh	3:45p.m – 4:30 p.m
<i>KeyNote Address-4</i> Speaker: Prof. Dr Horst Hahn Karlsruhe Institute of Technology (KIT), Germany Topic: Processing metallic glasses in different ways Host: Dr. Eswar, IIT Indore	04:30p.m – 5:15p.m

December 16, 2020

Day 2

Programme	Time
KeyNote Address-5 Speaker: Prof. Satyam Suwas Professor, Department of Materials Engg, IISc Bangalore Topic: Evolution of Crystallographic texture during manufacturing Host: Dr. Eswar, IIT Indore	2:00p.m – 2:45p.m
KeyNoteAddress-6 Speaker: Prof Sunil Pandey , School of Engineering, Jawaharlal Nehru University (JNU) Topic: Friction stir processing for Producing metal foams and its characterization Host: Dr. Nitin, BITS Pilani, Hyderabad	02:45p.m – 03:30p.m
TeaBreak	03:30p.m – 03:45p.m
SESSIONS	03:45p.m – 08:00p.m
Dinner	08:00pm – 08:45p.m
KeyNote Address-7 Speaker: Prof. Glenn S. Daehn The Ohio State University, Columbus, Ohio, USA Topic: IMPULSE PROCESSING OF METALS – SHOCK AND SHOCKLESS PROCESSES Host: Dr. Nitin, BITS Pilani, Hyderabad	08:45p.m – 09:30p.m

December 17, 2020

Day 3

Programme	Time
SESSIONS	09:00a.m. – 01:00p.m
Lunch Break	01:00p.m – 02:00p.m
KeyNote Address-8 Speaker: Dr Inderdeep Singh Professor, IIT Roorkee Topic: Green Composite Materials: Ensuring 3 R's for Sustainable Development Host: Dr. Rupender, NITTTR Chandigarh	02:00p.m – 02:45p.m
KeyNote Address-9 Speaker: Dr. Julfikar Haider Metropolitan University, Manchester, United Kingdom Topic: Zirconia Impregnated PMMA: New Generation of Bio-nanocomposite for Denture Base Application Host: Dr. Rupender, NITTTR Chandigarh	02:45p.m – 03:30p.m
KeyNoteAddress-10 Speaker: Prof. K. Narasimhan Professor, IIT Bombay Topic: Host: Dr. Nitin	03:30p.m – 04:00p.m
TeaBreak	04:15p.m – 04:30p.m
Valedictory function	04.30p.m – 05.30p.m

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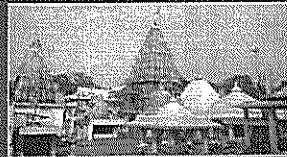
Dr. Ritunesh Kumar, IIT Indore

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Dr. Anand Parey, IIT Indore

ABOUT INDORE / UJJAIN

With its rich history, unique traditions, numerous tourist attractions and beautiful surroundings, there are lots of interesting facts about Indore. One of the most popular historical cities, Indore belongs to the central state of India, Madhya Pradesh. It is at present, the biggest city in Madhya Pradesh. The place has been blessed with natural beauty and is drained by various rivers.



Indore city is well known for its culinary delights, especially the large variety of salty snacks that the people of Indore love to binge on.



ACCOMMODATION

Hotels/ Guest houses in Indore / Ujjain provide a range of services that add memorable experiences for visitors. Participants are requested to make their own arrangement for meals, laundry and laundries. However, accommodation facility could be arranged on request in advance in nearby hotels/ guest houses.

TRAVEL

BY RAIL/ROAD: (Distance: Approximately 24.4 kms, Travel time: 30 min)
-> Book Train/Auto (fare approx. Rs. 150/400) up to Simrol (IIT Indore)
-> Bus No. 11 from Railway station to Tejaji Nagar and Bus No. M-15 from Tejaji Nagar to IIT Indore (Gate No. 1)
BY AIR: (Distance: Approximately 35.3 kms, Travel time: Around 24.5 min)
-> Book Train/Auto (fare approx. Rs. 500/300) up to Simrol (IIT Indore)
-> Book Taxi/Auto (fare approx. Rs. 300/400) up to Shamshar Kawan and Bus No. M-13 from Shamshar Kawan to IIT Indore (Gate No. 1)

ABOUT ORGANIZING INSTITUTE

Indian Institute of Technology Indore located in Madhya Pradesh, known as IIT Indore or IIT, is an institute of national importance established by the Government of India in 2009. It is one of the eight new IITs, started by the Ministry of Human Resource Development (India), Government of India. The institution started functioning from 2009-10 in a temporary campus at Institute of Engineering and Technology of Devi Ahilyabai University under mentors up of IIT Bombay. Sri Arjun Singh, the Union HRD Minister, laid the foundation of the permanent campus, spread over an area of around 101.42 acres (2.5 km²), on 17th February 2009 at Simrol, a location on Kharekda Road about 25 km from the city of Indore.

Since February 2016, IIT Indore has started functioning from its permanent campus. All the Administrative Offices, Material Management Section, Finance and Accounts Section, The School of Basic Sciences, The School of Humanities and Social Sciences, The School of Engineering, Basic Science Labs and Engineering Labs are all established in this campus. The Central Library is also situated in this campus.

The Academic office is responsible for all the academic affairs of the students of the Institute. There is a Dean of Academic Affairs, two Associate Deans (Academic), an Administrative Officer, 2 Manager and three Deputy Manager in this office besides some contractual employees.

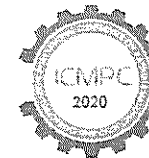
CONTACT US

PAPER SUBMISSION AND TECHNICAL ISSUES

ICMPC Hyderabad, India
Tel: +91-9959870257
Email: icmpc-hyd@griet.ac.in
Website: www.icmpc.com

FOR ACCOMMODATION AND OTHER CONFERENCE ORGANIZATION RELATED ISSUES

A. Prof. Anand Parey, Professor,
Discipline of Mechanical Engineering, IIT Indore
Email: icmpc@iit.ac.in



11TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION

@ IIT INDORE

15th - 17th December, 2020

ICMPC-2020 CONVENERS

Prof. Anand Parey, IIT Indore

Dr. Eswar Prasad Korimilli, IIT Indore

Prof. Manoj Gupta, NUS, Singapore

Prof. Swadesh Kumar Singh, GRIET, Hyderabad



materialstoday:
PROCEEDINGS

ABOUT CONFERENCE

In keeping with India's vision to become a world leader in Science and Technology and to usher in a new revolution, resulting in an unprecedented economic growth, Government of India reassessed the need of technical manpower and decided to set up eight new IITs. Six of them started functioning back from the academic year 2009-09. These were established at Hyderabad, Gandhinagar, Rajasthan, Roopar, Patna and Bhuvaneshwar. IIT Indore and IIT Mandi started functioning from July 2009.

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SCOPE OF CONFERENCE

The role of manufacturing in the country's economy and societal development has long been established through their wealth creation activities. To deepen and broaden our knowledge of materials and to increase innovation and responsiveness to ever-increasing international needs, more in-depth studies of functionally graded materials/tissue-made materials are needed at present. The objective of this conference is to bring together experts from academic institutions, industries and research organizations and professional engineers for sharing of knowledge, expertise and experience in the emerging trends related to advanced materials processing, and characterization.

The conference is structured as follows: plenary lectures followed by parallel sessions. The plenary lectures will be delivered by eminent personalities of international repute to introduce the theme of the conference. Each parallel session starts with an invited talk on specific topic followed by contributed papers.

Potential topics to be addressed in this conference include, but are not limited to the following:

CONFERENCE TOPICS

Material Characterization (Room and at Elevated Temperatures)
High strain rate deformation of Materials
Bio-materials
Advanced machining processes
Advanced metal forming, bending, welding & casting techniques
Alternate materials /material substitution
Applications FEA
Composite and Polymer Manufacturing
Composites, Intermetallics
Fabrication Process of Nano materials and Nano devices
Functionally Graded Materials
Future generation materials
Heat Treatment
High-Energy Beam Processing
High-speed and Hybrid Machining
Laser Based Manufacturing
Material Testing
MENS Integration
Meta materials
Metallography
Multi-Physics Coupling Simulation and Optimization
Nano materials
Non-destructive Examination
Numerical Modelling and Simulation
Optimization Techniques
Powder Metallurgy and Ceramic Forming
Recycling and re-manufacturing of Materials and Components
SMART materials
Super Alloys
Thermally-Enhanced Processes and Materials

CALL FOR PAPERS

Original research papers from faculty, research scholars and scientists from academics, R&D organizations on the above mentioned themes and related topics are invited. The full paper should be sent by e-mail to the provided mail id before 30th Nov 2020. Papers will be selected after rigorous reviews for presentation.

ICMPC-2020 Proceedings will be published by Elsevier Journal "Material Today: Proceedings" and will be available on www.sciencedirect.com all these papers will go to Scopus database for future indexing.

IMPORTANT DATES

30th November 2020	Submission of full papers (in Template)
Authors can register as soon as they get mail from EES or from conference that the article is accepted.	Early bird registration Starts (after acceptance of paper)
04th December, 2020	Early Bird registration Ends
11th December, 2020	Late Registration Ends

REGISTRATION

It is essential that at least one of the author of the accepted papers and register to participate in the conference, for including the papers in the special issue of the journal. Registration can be done by mailing the complete registration form along with the fee after receiving the acceptance of the paper.

Category	Fee
Faculty/ Research Scholars	Rs 8500/-
Delegates from Industry	Rs 12000/-
Late Registration Fee	Rs 12000/-
Foreign delegates	USD 400
For virtual participation and publication of accepted papers	USD 150
Only Participation	Rs 3000/-

Your registration includes Concurrent/Sessions of technical program, Welcome Breakfast, Morning and Afternoon Refreshment Breaks, and Lunch at the conference venue, Paper Presentation, Attendance to all sessions, Conference bag, Certificate of Presentation, Complimentary city tour.

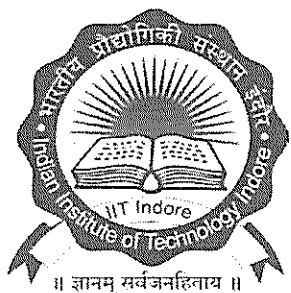
The registration fee shall be paid through crossed demand draft, drawn in favour of "Registrar, IIT Indore" or by way of electronic money transfer to Canara Bank, IIT Indore Branch, Indore-452552, Account No. 1476101027440 (BIC & Swift code: CNRBINBBISG, IFSC code: CNRB0006222)

For any queries keep in touch with www.icmpc.com

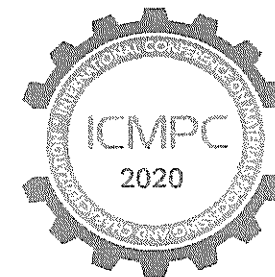
EXHIBITION CUM SPONSORSHIP

An exhibition will be organized concurrently with the conference. The industries who are interested in showcasing their products, equipment may contact the conference chairs. Two delegates sponsored by the exhibitors are allowed to participate in the conference without any extra fee.

Agencies are invited for being co-sponsors of the conference. Delegates will be allowed to attend the conference if any agency supports the conference financially. For future details visit our website.



CERTIFICATION OF APPRECIATION



This Certifies that

Dr. Ambuj Saxena

GI Bajaj Institute Of Technology And Management, Greater Noida

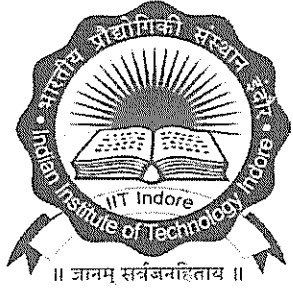
acted as a Session Chair in 11th International Conference on Materials Processing and Characterization -2020 (ICMPC 2020) organized by Department of Mechanical Engineering, Indian Institute of Technology Indore (IIT Indore) during 15-17 Dec 2020.

Convenor
Prof. Anand Parey
IIT Indore

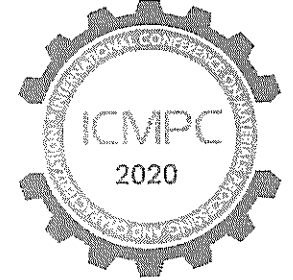
Convenor
Asst. Prof. K. Eswara Prasad
IIT Indore

Convenor
Prof. Swadesh Kumar Singh
GRIET HYDERABAD

Certificate No: 1120203



CERTIFICATION OF PARTICIPATION



This Certifies that

Ankur Gupta

GLA University Mathura

for Participating and Presenting a paper title **Investigation Of The Mechanical Strength Of Stone Dust And Ceramic Waste Based Composite** in 11th Conference on Materials Processing and Characterization -2020(ICMPC 2020) organized by Department of Mechanical Engineering & Metallurgy Engineering and Material Science, Indian Institute of Technology Indore (IIT Indore) during 15-17 Dec 2020.

Convenor
Prof. Anand Parey
IIT Indore

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Asst. Prof. K. Eswara Prasad
IIT Indore

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GRIET HYDERABAD